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PTO/SB/21 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Application Number	10/767,807
Filing Date	1/29/04
First Named Inventor	Moskvitin
Art Unit	TBD
Examiner Name	N/A
Attorney Docket Number	00100.03.0017

Total Number of Pages in This Submission

**ENCLOSURES (Check all that apply)**

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Fee Transmittal Form                                | <input type="checkbox"/> Drawing(s)                                       | <input type="checkbox"/> After Allowance communication to Group                            |
| <input type="checkbox"/> Fee Attached  | <input type="checkbox"/> Licensing-related Papers                         | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences        |
| <input type="checkbox"/> Amendment/Reply                                     | <input type="checkbox"/> Petition   | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final   | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information   |
| <input type="checkbox"/> Affidavits/declaration(s)                           | <input type="checkbox"/> Power of Attorney, Revocation                    | <input type="checkbox"/> Status Letter   |
| <input type="checkbox"/> Extension of Time Request                           | <input type="checkbox"/> Change of Correspondence Address                 | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):            |
| <input type="checkbox"/> Express Abandonment Request                         | <input type="checkbox"/> Terminal Disclaimer                              | IDS Cover Sheet; 2 cited references; return postcard                                       |
| <input checked="" type="checkbox"/> Information Disclosure Statement         | <input type="checkbox"/> Request for Refund                               |  |
| <input type="checkbox"/> Certified Copy of Priority Document(s)              | <input type="checkbox"/> CD, Number of CD(s) _____                        |  |
| <input type="checkbox"/> Response to Missing Parts/ Incomplete Application   |   |  |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 |   |  |

Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**Firm or Individual name Timothy J. Bechen  
Reg. No. 48,126

Signature

Date

6/18/04

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name Karening Oliver

Signature

Date 5/18/04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT APPLICATION

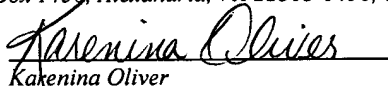
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Moskvitin  
Serial No.: 10/767,807  
Filing Date: January 29, 2004

Examiner: N/A  
Art Unit: TBD  
Our File No.: 00100.03.0017  
Docket No.: 00100.03.0017

Title: **METHOD AND APPARATUS FOR REMOVING IMAGE COMPRESSION  
ARTIFACTS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

*Certificate of First Class Mailing*  
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05/18/04  
Date  
  
Karenina Oliver

**INFORMATION DISCLOSURE STATEMENT**  
**IN ACCORDANCE WITH 37 CFR §§ 1.97(C) AND 1.98**

Pursuant to 37 CFR §§ 1.97(C) and 1.98, Applicant respectfully submits the following statement consisting of:

1. A list of documents;
2. General remarks.

A copy of the listed document is enclosed herewith along with Form PTO/SB/08A.

1. Documents

B. Ramamurthi; A. Gersho, *Nonlinear Space-Variant Post Processing of Block Coded Images*, IEEE Transactions on Acoustics, Speech & Signal Processing, Vol. ASSP-34, October 1986, pp. 1258-1268

A. Zakhor, *Iterative Procedure for Reduction of Blocking Effects in Transform Image Coding*, IEEE Transactions on Circuits & Systems for Video Technology, Vol. 2, #1, March 1992, pp. 91-95

2. General Remarks

The submission of the above documents is not an admission that the information is prior art, analogous or otherwise material. It is respectfully requested that the above-listed patents be considered and made of record in the present application.

Respectfully submitted,

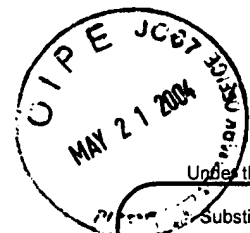
Date: May 18, 2004

By: 

Timothy J. Bechen

Registration No. 48,126

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/767,807
Filing Date	January 29, 2004
First Named Inventor	Moskvitin
Art Unit	TBD
Examiner Name	N/A
Attorney Docket Number	00100.03.0017

Sheet \_\_\_\_\_ of \_\_\_\_\_

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 5,850,294	12/15/98	Apostopoulos et al.	
		US- 5,852,475	12/22/98	Gupta et al.	
		US-			
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**FOREIGN PATENT DOCUMENTS**

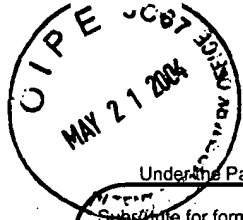
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08B (02-03)

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Sheet

of

**OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		B. RAMAMURTHI, A. GERSHO, Nonlinear Space-Variant Post Processing of Block Coded Images, IEEE Transactions on Acoustics, Speech & Signal Processing, Vol. ASSP-34, October 1986, pp. 1258-1268	
		A. ZAKHOR, Iterative Procedure for Reduction of Blocking Effects in Transform Image Coding, IEEE Transaction on Circuits & Systems for Video Technology, Vol. 2, #1, March 1992, pp. 91-95	

Examiner  
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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